

IN THE CLAIMS:

Claims 2, 3 and 5 have been cancelled, without prejudice, by a previous amendment.

Please amend claim 14 and add claims 15 and 16 as follows:

1. (Previously Presented) A method for boosting data transmission in a telecommunications system, the method comprising:

providing a first transmission path connecting terminal equipment with a fixed station;

providing a second transmission path connecting the fixed station with a transcoder unit;

transmitting speech parameters on the first transmission path using a first speech coding method;

converting the speech parameters between the first speech coding method and a second speech coding method, the second speech coding method being speech coding at a lower transmission rate than the first speech coding method; and

transmitting the speech parameters at least on a part of the second transmission path using the second speech coding method.

2. (Cancelled).

3. (Cancelled).

4. (Previously Presented) A method according to claim 1, wherein providing the first transmission path comprises providing the first transmission path over a radio path connecting a base transceiver station and a mobile station.

5. (Cancelled).

6. (Previously Presented) An arrangement for boosting data transmission in a telecommunications system comprising a fixed station, terminal equipment, and a transcoder unit, the arrangement comprising:

a first transmission path connecting the terminal equipment with the fixed station configured to use a first speech coding method to transmit speech parameters;

a second transmission path connecting the fixed station and the transcoder unit configured to use a second speech coding method to transmit the speech parameters;

at least one first speech coder configured to convert the speech parameters between the first speech coding method and the second speech coding method, the second speech coding method being speech coding at a lower transmission rate than the first speech coding method.

7. (Previously Presented) Arrangement as defined in claim 6, wherein the first speech coder is located in connection with the fixed station.

8. (Previously Presented) Arrangement as defined in claim 6, further comprising:
at least one second speech coder configured to convert the speech parameters between the first speech coding method and the second speech coding method; and
a transmission path between the first speech coder and the second speech coder, said transmission path being configured to use the second speech coding method.

9. (Previously Presented) Arrangement as defined in claim 8, wherein the second speech coder is located in connection with the transcoder unit.

10. (Previously Presented) A mobile communications system comprising:
a base transceiver station;
a mobile station;
a transcoder unit,
a first transmission path connecting the mobile station with the base transceiver station, the first transmission path being configured to use a first speech coding method to transmit speech parameters; and
at least one first speech coder configured to convert the speech parameters between the first speech coding method and a second speech coding method, wherein the second speech coding method is used to transmit the speech parameters on a transmission path between the first speech coder and the transcoder unit, the second speech coding

method being speech coding of a lower transmission rate than the first speech coding method.

11. (Previously Presented) Mobile communications system as defined in claim 10, wherein the first speech coder is located in connection with the base transceiver station.

12. (Previously Presented) Mobile communications system as defined in claim 10, further comprising:

at least one second speech coder configured to convert the speech parameters between the first speech coding method and the second speech coding method; and

a transmission path between the first speech coder and the second speech coder, said transmission path being configured to use the second speech coding method.

13. (Previously Presented) Mobile communications system as defined in claim 12, wherein the second speech coder is located in connection with the transcoder unit.

14. (Currently Amended) A telecommunication system comprising terminal equipment connected to a network side of the telecommunications system over a first transmission path configured to transmit speech parameters using a first speech coding method, the network side comprising:

a fixed station connected to a transcoder unit over a second transmission path configured to transmit the speech parameters using a second speech coding method; and

a speech coder configured to receive the speech parameters from the terminal equipment and to convert the speech parameters into the speech parameters of the second speech coding method, or to receive the speech parameters to be transmitted to the terminal equipment and to convert the speech parameters into the speech parameters of the first speech coding method, wherein the second speech coding method is speech coding of a lower transmission rate than the first speech coding method.

15. (New) A fixed station for a telecommunication system, the telecommunication system comprising a terminal equipment, wherein the terminal equipment is connected to the fixed station over a first transmission path configured to transmit speech parameters using a first speech coding method, wherein the fixed station is connected to a transcoder unit over a second transmission path configured to transmit the speech parameters using a second speech coding method, wherein the second speech coding method is speech coding of a lower transmission rate than the first speech coding method.

16. (New) A speech coder for a telecommunication system, the telecommunication system comprising a terminal equipment connected to a network side of the telecommunication system over a first transmission path configured to transmit speech parameters using a first speech coding method, wherein the speech coder is

configured to receive the speech parameter from the terminal equipment and to convert the speech parameters into the speech parameters of a second speech coding method, or to receive the speech parameters to be transmitted to the terminal equipment and to convert the speech parameters into the speech parameters of the first speech coding method, wherein the second speech coding method is speech coding of a lower transmission rate than the first speech coding method.